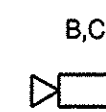
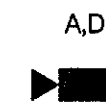


MD 322 IS ASSUMED TO RUN
IN A NORTH-SOUTH DIRECTION

EXISTING VIDEO
DETECTION CAMERA

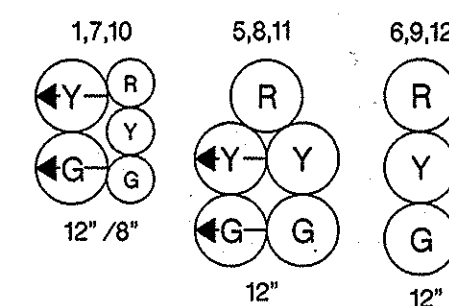


PROPOSED VIDEO
DETECTION CAMERA

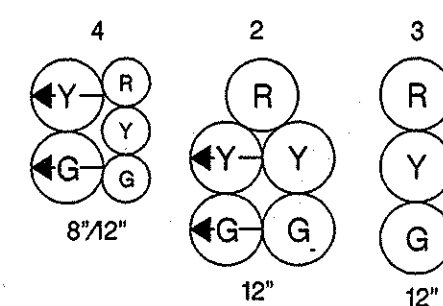


WATERSIDE VILLAGE

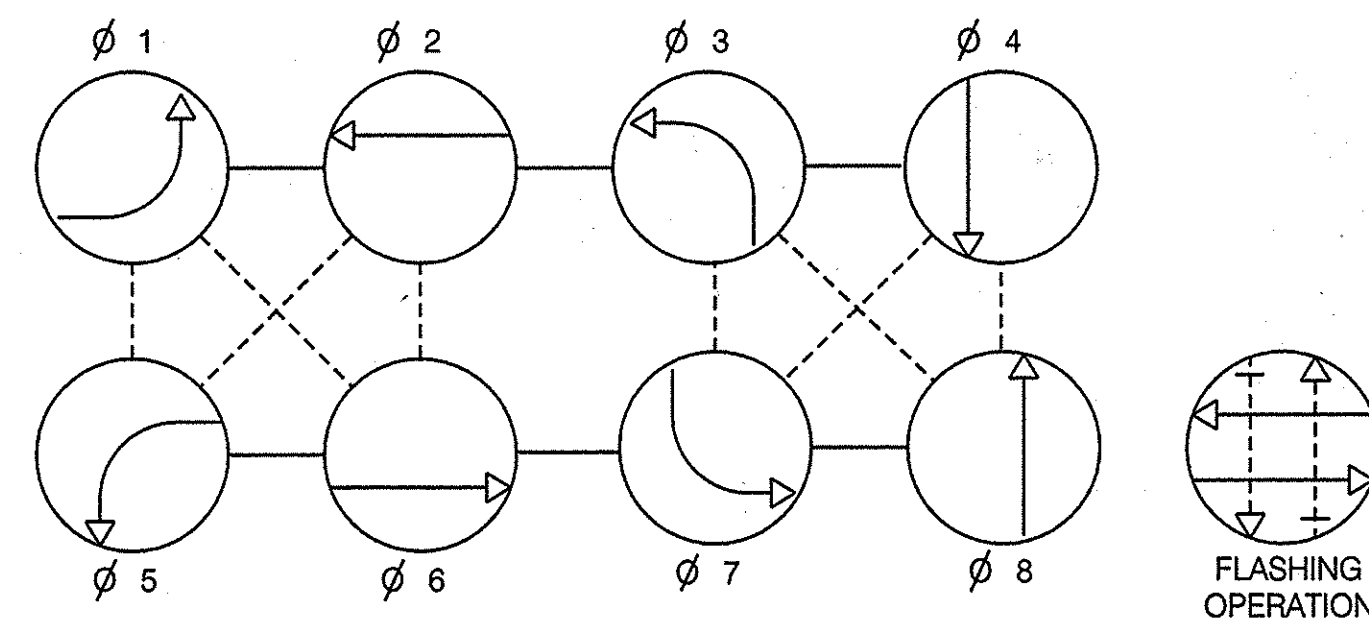
EXISTING L.E.D. SIGNALS



PROPOSED L.E.D. SIGNALS

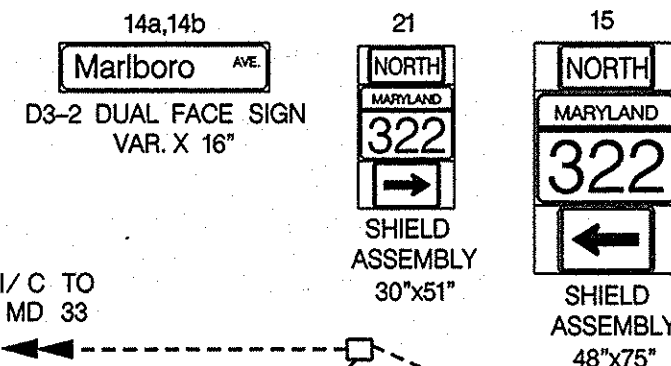


NEMA PHASING



PHASING NOTES:
1.) PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.
2.) PHASES ASSOCIATED BY A DASHED LINE MAY OPERATE CONCURRENTLY.

EXISTING SIGNS
(TO BE RELOCATED)



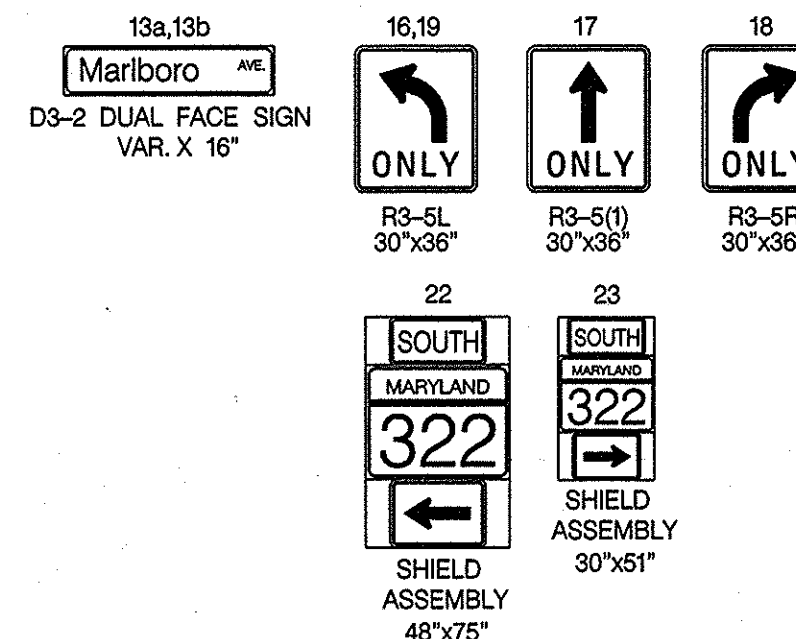
PROPOSED SIGNS



EXISTING SIGN
TO BE REMOVED



EXISTING SIGNS



SHA RIGHT-OF-WAY

MD 322

MD 322

MARLBORO AVE.

CONSTRUCTION DETAILS

- INSTALL CONCRETE FOUNDATION, 27 FT. MAST ARM POLE WITH SINGLE 38 FT. MAST ARM, SIGNAL HEADS, SIGNS, VIDEO DETECTION CAMERA, AND 15 FT. STREET LIGHTING BRACKET ARM, 250 WATT HPSV LUMINAIRE. (NOTE: INSTALL ONE-3 IN. PVC CONDUIT BEND)
- INSTALL 3 IN. PVC SCHEDULE 80 RIGID ELECTRICAL CONDUIT- TRENCHED
- INSTALL ELECTRICAL HANDHOLE
- REMOVE EXISTING TRAFFIC SIGNAL POLE WITH ALL EQUIPMENT AND FOUNDATION 12" BELOW GRADE (NOTE: RELOCATE STREET NAME AND SHIELD ASSEMBLY SIGNS TO NEW MAST ARM POLE)
- REMOVE EXISTING HANDHOLE AND BACKFILL
- INSTALL 24 IN. HEAT APPLIED PERMANENT PERFORMED THERMOPLASTIC PAVEMENT MARKING (FOR STOP LINE)
- USE EXISTING CONDUIT
- USE EXISTING HANDHOLE
- INSTALL VIDEO DETECTION CAMERA AND SIGN #19 ON EXISTING MAST ARM AS SHOWN
- USE EXISTING BASE MOUNTED CONTROLLER & CABINET, TERMINATE PROPOSED FIELD CABLES IN CABINET AND LABEL CABLE ENDS
- REMOVE EXISTING LIGHTING STRUCTURE AND FOUNDATION 12" BELOW GRADE (POWER TO BE DISCONNECTED BY UTILITY COMPANY)
- CAP AND ABANDON EXISTING CONDUIT
- INSTALL 4 IN. PVC SCHEDULE 80 RIGID ELECTRICAL CONDUIT - BORED
- TO BE REMOVED BY OTHERS (SEE PAVEMENT MARKING PLAN)
- INSTALL R3-SR SIGN NO. 20 TO EXISTING MAST ARM AS SHOWN
- REMOVE EXISTING SIGN (R3-6R) FROM MAST ARM

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

AERIAL CABLE	— A —
ELECTRICAL	— E —
TELEPHONE	— T —
GAS	— G —
SEWER	— S —
WATER	— W —
CABLE TV	— TV —

GENERAL NOTES

- ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC ONLY AND MAY NOT BE COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING MISS UTILITY PRIOR TO CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATED IN THE FIELD. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN UTILITIES AND TRAFFIC SIGNAL EQUIPMENT WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY SO THE CONFLICT MAY BE RESOLVED.
- ALL TRAFFIC SIGNAL FOUNDATIONS SHALL BE INSTALLED AT THE FINAL SIDEWALK OR CURB GRADE FOR CLOSED SECTIONS. HIGHEST ROADWAY PROFILE GRADE FOR OPEN SECTIONS, TO MEET CLEARANCE AS SPECIFIED IN MD 816.03, MD 816.01, MD 816.02, MD 816.04. THE CONTRACTOR SHALL VERIFY ULTIMATE GRADES PRIOR TO THE INSTALLATION OF ALL SIGNAL EQUIPMENT.
- ALL EXISTING TRAFFIC SIGNAL EQUIPMENT BEING REMOVED SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF THE WORK.
- ALL STREET LIGHTING LUMINAIRES SHALL BE SUPPLIED WITH PHOTOCELL.
- FOR ADDITIONAL PAVEMENT MARKINGS ALONG MARLBORO AVE. SEE SIGNING AND PAVEMENT MARKING PLANS IN 'TOWN OF EASTON PROJECT MARKETPLACE'.
- THESE PLANS ARE APPROVED FOR CONSTRUCTION FOR A PERIOD OF ONE YEAR FROM THE DATE OF APPROVAL. SHOULD CONSTRUCTION NOT BEGIN WITHIN THIS TIME FRAME THESE PLANS SHALL BE NULL AND VOID WITHOUT A REVIEW FROM THE TRAFFIC ENGINEERING DESIGN DIVISION.
- DISCONNECT AND ABANDON EXISTING WESTBOUND MARLBORO AVE. DETECTION.

TRAFFIC CONCEPTS, INC.

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FAX: (410) 923-6473
EMAIL: TRAFFIC@TRAFFIC-CONCEPTS.COM

APPROVALS

TEAM LEADER
ASST. DIV. CHIEF
DIVISION CHIEF
OFFICE DIRECTOR

REVISIONS

1. SIGNAL MODIFICATION DUE TO WIDENING OF EAST LEG OF INTERSECTION
7-1-2008 SHA NO. BW BWS99M82
2. CONSTRUCT FOURTH LEG OF THE INTERSECTION
APRIL-2007 SHA NO. BWS99M82
3. INSTALL E.P. FOR S.B. MD 322 AND INSTALL FAILED PROBES
7-15-2006

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
TRAFFIC SIGNAL PLAN
MD 322 AND MARLBORO AVE.
(EASTON, MARYLAND)

SCALE 1"=20' DATE 7-27-06 CONTRACT NO. _____
DESIGNED BY D. DICKERSON COUNTY TALBOT
DRAWN BY D. DODA LOGMILE 2032203.29
CHECKED BY T.I.M.S. NO. I-998
F.A.P. NO. TOD NO. _____
DRAWING NO. 3388 E SHEET NO. 1 OF 2

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DATE: Monday, July 21, 2008 AT 11:14 AM